

HURRICANE™ TURBINE VENTILATORS

LOCATION:

Water Storage Facilities.

PROBLEM:

Breakdown of steel roofing over water storage reservoirs is a major problem throughout the world, although more prone to occur in warmer climates. It is caused by constant evaporation and condensation of stored water and is particularly severe if the water has been treated with chemicals or chlorine.

SOLUTION:

The Hurricane S2, purpose built to withstand constant condensation and corrosive environments, is used to cause a constant influx of fresh air. This reduces humidity levels and hence the rate of condensation on the underside of the metal roofing. The Hurricane S2 comes in sizes of 100mm, 150mm, 300mm, 400mm, 450mm, 500mm and 600mm throat diameters each containing a deflector flange located beneath the bearing. The bearing is located above the top plate of the vent to reduce exposure to harsh vapours. This ensures a longer life which is not possible with normal vents.

RESULT:

The Hurricane S2 has been very successfully employed on over 30 water storage tank projects to reduce the rate of oxidation of metal surfaces. Financial savings have been very significant.

